



Orchid Pollination Game

There are over 1,000 species of orchid in the Philippines, and most of them grow nowhere else in the world! Many of these orchids reproduce with the help of pollinators, such as bees, wasps, and flies. Some orchids give off pleasant smells to attract night-flying fruit flies, while others use colorful patterns on their petals to mimic and attract the bees that pollinate them. Make your own orchid pollination game using a cardboard tube and a bead!

Materials

Upcycled cardboard tube
Wooden beads
Markers or paint
Scrap paper
String
Glue sticks
Tape
Scissors



Directions

1. **Use** markers, paint, and/or colored paper scraps to decorate your cardboard tube like an orchid. Orchids are bilaterally symmetrical, meaning they look the same on the left and on the right—just like humans! Use this photo of the Waling-waling orchid on the right for inspiration.



Waling-waling orchid, © Jun Acullador

2. **Color** your wooden bead. You can use black and yellow stripes to make it look like a bee, draw on wings like a fly, or make up your own pattern to match the orchid you made.
3. **Tie** a piece of string around the bead, and **tape** the other end of the string to the base of your cardboard tube.
4. **Tape** the bottom of your tube closed.
5. You're all done! Can you get the insect in the tube to pollinate the orchid?

